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PTO/SB/05 (03-01)

Approved for .se through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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| Attorney Docket No. | 10271-0 | | Total Pag | = | 9 |
| First Name | Application | Identifier | 8. 08. | | |
| Solomon R. LANGE | | | 20 | | |
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| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | | , | Αl | ODRESS TO: BO | | sioner for Patents ation 0231 |
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| ⊠ Fee | e Transmittal Form Ibmit an original, and a duplicate for fee processing) | | | 7. ☑ CD-ROM or CD-R in @uplicate, large table or Compute Program (Appendix) | | | |
| | icant claims Small Entity status, see 3 | | 8. | ⊠ | Nucleotide and/or A (if applicable, all ne | m no Acid Seque c∉ <i>ssary)</i> | nce Submission |
| . ⊠ Spec | cification | [Total Pages <u>143</u> | 3] | a. | | al⁻e Copy | |
| -Des | ferred arrangement set forth below) criptive title of the Invention | | | b. | ☐ Paper Copy (ide | eni cal to compute | r copy) |
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| | of Summary of the Invention | | <u> </u> | | | | |
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| <u></u> ₄Abs | stract of the Disclosure | | | | • | | |
| . 🛛 Drav | wing(s) (35 USC 113) | [Total Sheets <u>36</u> | 3] 11 | ۱. ⊔ | English Translation | | _ i |
| i. ⊠ Oatl | n or Declaration | [Total Sheets 2] |] 12 | 2. 🗆 | Information Disclos (IDS)/PTO-1449 | su⊫ Statement | ☐ Copies of IDS Citations |
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| | | 14 | 1. 🛛 | Return Receipt Pos | stc ard (MPEP 503 |) | |
| biasis Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 19 completed) | | | | (Should be specific | • | ĺ | |
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| i. | ☐ <u>DELETION OF INVENTORS(S)</u> | | | | • | | |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b). | | ior 16 | 6. 🗆 | Nonpublication Red Applicant must atta | qu∋st under 35 U. ac∵ form PTO/SB/ | S.C 122 (b)(2)(i). 35 or it's equivalent | |
| S 🗆 App | lication Data Sheet. See 37 CFR 1.7 | 6 | 13 | 7. 🗆 | Other: | | |
| | ONTINUING APPLICATION, check a | propriate box and supply the | requisite | infor | mation: | | |
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Express Mail No.: EL 477 032 527 US

PENNIE & EDMONDS LLP

COUNSELLORS AT LAW 1155 Avenue of Americas New York, N.Y. 10036-2711

ATTORNEY DOCKET NO. 10271-037-999

Date: <u>December 10, 2(01</u>

Assistant Commissioner for Patents **Box PATENT APPLICATION** Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Solomon R. Langermann; Scott J. Hultgren; Chia-Suei Executed on: Unexecuted

Hung; and Julie Bouckaert

Title of Invention:

Mutant Proteins, High Potency Antibodies, and FimCH Crystal Structure

PATENT APPLICATION FEE VALUE

| معد مثلًا | | | | | | |
|--|---|-------|-------|-------------|-----|----------|
| TYPE | NO. FILED | LESS | EXTRA | EXTRA RA E | FEE | |
| Total Claims | 32 | -20 | 12 | \$18.00 eac | \$ | 216.00 |
| Independent ≘ | 7 | -3 | 4 | \$84.00 eac | \$ | 336.00 |
| | Minimum Fee | | | | | 740.00 |
| \$=\$: | Multiple Dependency Fee If Applicable (\$280.00) | | | | \$ | 270.00 |
| Control of the Contro | | Total | | | | 1,562.00 |
| <i>a</i> | Applicant qualifies for the 50% Reduction for Independen Inventor, Nonprofit Organization or Small Business Conc. m | | | | | 0.00 |
| Total Filing Fe | | | | | \$ | 1,562.00 |

- DO NOT PUBLISH. I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilater: I agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
- Priority of application nos. 60/254,353 filed on December 8, 2000 and 60/301,878 filed on June 29, 2001 is \boxtimes claimed under 35 U.S.C. § 119.
- The certified copy of the priority application has been filed in application no. file 1
- Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed.

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-150. A copy of this sheet is

enclosed.

Respectfully submitted,

Anthony M. Insogna

PENNIE & EDMONDS LLP

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant pater tapplications.

Express Mail No. El. 477 032 527 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Langermann et al.

Application No.: To be Assigned

Art Unit: Not Yet Assigned

Filed: On Even Date Herewith

Examiner: Not Yet Assigned

For:

Mutant Proteins, High Potency Inhibitory

Atty Docket No.: 1(271-037

Antibodies, and FimCH Crystal Structure

TRANSMITTAL OF SEQUENCE LISTING

Assistant Commissioner for Patents Washington, DC 20231

SIR:

In connection with the above-identified application, and in a cordance with 37 C.F.R. § 1.821, Applicant submits herewith a Sequence Listing in paper and computer-readable format pursuant to 37 C.F.R. § 1.821(c) and (e).

I hereby state that the content of the paper and computer-reac able copies of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same. I hereby state that the submission herein under 37 C.F.R. §1.821(g) does not include new matter.

Respectfully submitted,

Date

December 10, 2001

Anthony M. Insogna

1155 Avenue of the Americas

New York, New York 10036-2711

(212) 790-9090

Enclosures

Express Mail No. <u>I L 477 032 527 US</u>

IN THE UNITED STATES PATENT AND TRADEMARK ()FFICE

Application of: Langermann et al.

Application No.: To be Assigned

Art Unit: Not Yet Assigned

Filed: On Even Date Herewith

Examiner: Not Yet Assigned

For:

Mutant Proteins, High Potency Inhibitory

Antibodies, and FimCH Crystal Structure

Atty Docket No.: 1)271-037

TRANSMITTAL OF TABLES ON CD-ROM

Assistant Commissioner for Patents Washington, DC 20231

SIR:

In connection with the above-identified application, and in a cordance with 37 C.F.R. § 1.58, Applicant submits herewith two tables in computer-reads ble format pursuant to 37 C.F.R. § 1.52(e) and §1.58.

I hereby state that the content of 'Copy 1' and 'Copy 2' of the CD-ROM in computer-readable format , submitted in accordance with 37 C.F.R. § $1.52(\cdot)$ and §1.58, are the same.

Respectfully submitted,

Date

December 10, 2001

Anthony M. Insogna

5003,203

PENNIE & EDMONDS LIP

1155 Avenue of the Americas

as \bigcirc

New York, New York 10036-2711

(212) 790-9090

Enclosures